

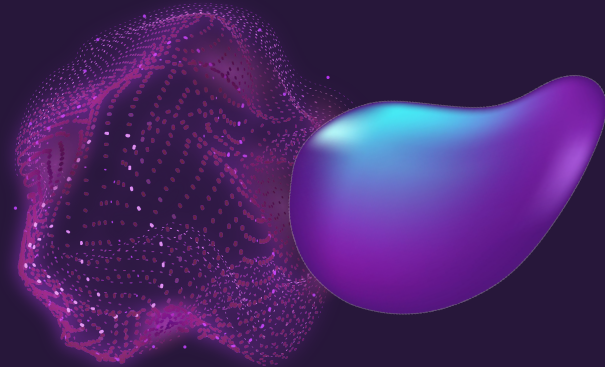
Machine Learning (ML)

Evaluation results & Future enhancements

A. Urdea | S. Ghedas | Y. Aloui | Z. Tejjani

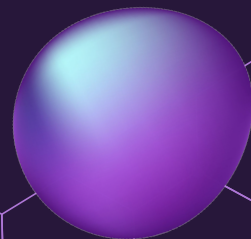
GROUP 157

x




x

x



Baseline Model VS XGBoost Model

	A	B	C
1	Metric	Baseline (Logistic Regression)	XGBoost Model
2	Accuracy	0.811	0.864
3	Precision	0.5524475524475524	0.7137809187279152
4	Recall	0.2010178117048346	0.5139949109414759
5	F1-score	0.2947761194029851	0.5976331360946746
6	AUC-ROC	0.5805960247074267	0.7317952152716092

Future Enhancements



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Fine-tuning Hyperparameters

- Tune parameters like learning_rate, max_depth, n_estimators, etc.

Feature Engineering

- Create new features from transaction history, customer interactions, etc.

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THANK YOU.

